

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
SP036.C10 (1397.012000A)APPLICATION NO.
10713,145FIRST NAMED INVENTOR:
SENDER et al.FILING DATE
November 17, 2003ART UNIT
2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA13					
	AB13					
	AC13					
	AD13					
	AE13					
	AF13					
	AG13					
	AH13					
	AI13					
	AJ13					
	AK13					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>h</i>	AL9	8-504977	05/28/1996	Japan		X Yes No
<i>u</i>	AI10	2000-148491	05/30/2000	Japan		X Yes No
	AJ10					Yes No
	AK10					Yes No
	AL10					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	21	
<i>a</i>	AS	21	Decision of Final Rejection received October 24, 2003 in Japanese Appl. No. JP 2000-008264, (3 pages) with translation (3 pages).
<i>D</i>	AT	21	Decision of Final Rejection received October 24, 2003 in Japanese Appl. No. JP2000-008265, (3 pages) with translation (3 pages).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
SP036.C10 (1397.012000A)APPLICATION NO.
10713,145FIRST NAMED INVENTOR:
SENER et al.FILING DATE
November 17, 2003ART UNIT
2183**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA14					
	AB14					
	AC14					
	AD14					
	AE14					
	AF14					
	AG14					
	AH14					
	AI14					
	AJ14					
	AK14					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10					
	AM10					Yes No
	AN10					Yes No
	AO10					Yes No
	AP10					

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>u</i>	AR	<u>22</u>	Decision of Final Rejection received October 24, 2003 in Japanese Appl. No. JP2000-008266, (3 pages) with translation (4 pages).
<i>u</i>	AS	<u>22</u>	Decision of Final Rejection received October 24, 2003 in Japanese Appl. No. JP 2000-008267, (3 pages) with translation (3 pages).
	AT	<u>22</u>	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
SP036.C10 (1397.012000A)APPLICATION NO.
10/713,145FIRST NAMED INVENTOR:
BRASHEARS et al.FILING DATE
November 17, 2003ART UNIT
2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA13						
AB13						
AC13						
AD13						
AE13	5,261,071	11/09/1993	Lyon			
AF13						
AG13						
AH13						
AI13						
AJ13						
AK13						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL11						Yes No
AM11						Yes No
AN11						Yes No
AO11						Yes No
AP11						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	23	Anderson, D.W. et al., "The IBM System/360 Model 91: Machine Philosophy And Instruction-Handling", <i>IBM Journal</i> , January 1967, pp. 8-24.
AS	23	Boland, L.J., et al., "The IBM System/360 Model 91: Storage System", <i>IBM Journal</i> , January 1967, pp. 54-68.
AT	23	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

103 11/77/5

FORM PTO-1449				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
<u>INFORMATION DISCLOSURE STATEMENT</u>				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
W	AA1	3,346,851	10/1967	Thornton et al.			
W	AB1	3,541,528	11/1970	Randell			
W	AC1	3,771,138	11/1973	Celtruda et al.			
W	AD1	3,789,365	01/1974	Jen et al.			
W	AE1	3,916,388	10/1975	Shimp et al.			
W	AF1	4,034,349	07/1977	Monaco et al.			
W	AG1	4,084,235	04/1978	Hirtle			
W	AH1	4,189,768	02/1980	Liptay et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
W	AI1	0 479 390 B1	04/1992	EPO			Yes No
W	AJ1	0 426 393 B1	05/1991	EPO			Yes No
W	AK1	0 419 105 A2/A3	03/1991	EPO			Yes No
W	AL1	0 402 856 B1	12/1990	EPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
W	AM	1	8-Bit Embedded Controller Handbook, Intel, 1989, pp. 1-1 thru 1-19 and 3-1 thru 3-37.
W	AN	1	Acosta, Ramón D. et al., "An Instruction Issuing Approach to Enhancing Performance in Multiple Functional Unit Processors," IEEE Transactions On Computers, Vol. C-35, No. 9, September 1986, pp. 815-828.
W	AO	1	Agerwala et al., "High Performance Reduced Instruction Set Processors," IBM Research Division, March 31, 1987, pp. 1-61.
W	AR	1	Aiken, A. and Nicolau, A., "Perfect Pipelining: A New Loop Parallelization Technique*," pp. 221-235.
W	AS	1	Andrews, W., "Distinctions Blur Between DSP Solutions," Computer Design, Vol. 28, No. 9, May 1, 1989, Littleton, Mass., pp. 86-99.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>W</i>	AA2	4,189,772	02/1980	Liptay			
<i>W</i>	AB2	4,200,927	04/1980	Hughes et al.			
<i>W</i>	AC2	4,228,495	10/1980	Bernhard et al.			
<i>W</i>	AD2	4,236,206	11/1980	Strecker et al.			
<i>W</i>	AE2	4,296,470	10/1981	Fairchild et al.			
<i>W</i>	AF2	4,315,314	02/1982	Russo			
<i>W</i>	AG2	4,317,170	02/1982	Wada et al.			
<i>W</i>	AH2	4,396,982	08/1983	Wada et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
<i>W</i>	AI2	0 377 991 A2/A3	07/1990	EPO	<i>W</i>	<i>W</i>	Yes No
<i>W</i>	AJ2	0 372 751 A2/A3	06/1990	EPO	<i>W</i>	<i>W</i>	Yes No
<i>W</i>	AK2	0 368 332 B1	05/1990	EPO	<i>W</i>	<i>W</i>	Yes No
<i>W</i>	AL2	0 354 585 B1	02/1990	EPO	<i>W</i>	<i>W</i>	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AM	2	Bakoglu, H.B. et al., "IBM Second-Generation RISC Machine Organization", 1990 IEEE, pp. 173-178.
<i>W</i>	AN	2	Charlesworth, A.E., "An Approach to Scientific Array Processing: The Architectural Design of the AP-120B/FPS-164 Family," Computer, Vol. 14, September 1981, pp. 18-27.
<i>W</i>	AO	2	Colwell, R.P. et al., "A VLIW Architecture for a Trace Scheduling Compiler," Proceedings of the 2 nd International Conference on Architectural Support for Programming Languages and Operating Systems, Oct. 5-8, 1987, California, pp. 180-192.
<i>W</i>	AR	2	Crawford, J., "The Execution Pipeline of the Intel i486 CPU," IEEE, 1990, pp. 254-258.
<i>W</i>	AS	2	Faix, M. and Schuenemann, C., "Combined Macro/Micro Program Machine," IBM Technical Disclosure Bulletin, Vol. 14, No. 1, June 1971, p. 298.

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	<i>6/1/90</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>W</i>	AA3	4,410,939	10/1983	Kawakami			
<i>W</i>	AB3	4,434,461	02/1984	Puhl			
<i>W</i>	AC3	4,454,578	06/1984	Matsumoto et al.			
<i>W</i>	AD3	4,456,955	06/1984	Yanagita et al.			
<i>W</i>	AE3	4,459,657	07/1984	Murao			
<i>W</i>	AF3	4,476,525	10/1984	Ishii			
<i>W</i>	AG3	4,514,803	04/1985	Agnew et al.			
<i>W</i>	AH3	4,569,016	02/1986	Hao et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>W</i>	AI3	0 171 595 B1	02/1986	EPO			Yes No
<i>W</i>	AJ3	0 136 179 A2	04/1985	EPO			Yes No
<i>W</i>	AK3	2 575 564	07/1986	FR			Yes No
<i>W</i>	AL3	2 011 682 A	07/1979	GB			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AM	<u>3</u>	Foster et al., "Percolation of Code to Enhance Parallel Dispatching and Execution," <i>IEEE Trans. On Computers</i> , December 1971, pp. 1411-1415.
<i>W</i>	AN	<u>3</u>	Garth, S.C.J., "Combining RISC and CISC in PC Systems," <i>IEEE</i> , pp. 10/1-10/5.
<i>W</i>	AO	<u>3</u>	Goodman, J.R. and Hsu, W., "Code Scheduling and Register Allocation in Large Basic Blocks," <i>ACM</i> , 1988, pp. 442-452.
<i>W</i>	AR	<u>3</u>	Gross et al., "Optimizing Delayed Branches," <i>Proceedings of the 5th Annual Workshop on Microprogramming</i> , October 5-7, 1982, pp. 114-120.
<i>W</i>	AS	<u>3</u>	Groves, R.D. and Oehler, R., "An IBM Second Generation RISC Processor Architecture," <i>IEEE</i> , 1989, pp. 134-137.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>cr</i>	AA4	4,587,612	05/1986	Fisk et al.			
<i>cr</i>	AB4	4,626,989	12/1986	Torii			
<i>cr</i>	AC4	4,654,781	03/1987	Schwartz et al.			
<i>cr</i>	AD4	4,675,806	06/1987	Uchida			
<i>cr</i>	AE4	4,714,994	12/1987	Oklobdzija et al.			
<i>cr</i>	AF4	4,722,049	01/1988	Lahti			
<i>cr</i>	AG4	4,734,852	03/1988	Johnson et al.			
<i>cr</i>	AH4	4,739,471	04/1988	Baum et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>cr</i>	AI4	0 170 398 A3	02/1986	EPO			Yes No
<i>cr</i>	AJ4	0 272 198 A2	06/1988	EPO			Yes No
<i>cr</i>	AK4	0 380 854 A3	08/1990	EPO			Yes No
<i>cr</i>	AL4	2 230 116 A	10/1990	GB			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>cr</i>	AM	<u>4</u>	Heath, S., "Architectural considerations for a M88000 superscalar RISC processor," pp. 6/1-6/6.
<i>cr</i>	AN	<u>4</u>	Hennessey et al., <u>Computer Architecture: A Quantitative Approach</u> , Morgan Kaufmann Publishers, Inc., 1990 (in its entirety).
<i>cr</i>	AO	<u>4</u>	Horst, R.W. et al., "Multiple Instruction Issue in the NonStop Cyclone Processor," <i>IEEE</i> , 1990, pp. 216-226.
<i>cr</i>	AR	<u>4</u>	Hwu et al., "Checkpoint Repair for High-Performance Out-of-Order Execution Machines," <i>IEEE Trans. On Computers</i> , Vol. C-36, No. 12, December 1987, pp. 1496-1514.
<i>cr</i>	AS	<u>4</u>	Hwu et al., "Exploiting Parallel Microprocessor Microarchitectures with a Compiler Code Generator," <i>Proceedings of the 15th Annual Symposium on Computer Architecture</i> , June 1988, pp. 45-53.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
W	AA5	4,739,472	04/1988	Hayashi			
W	AB5	4,752,873	06/1988	Shonai et al.			
W	AC5	4,758,948	07/1988	May et al.			
W	AD5	4,760,519	07/1988	Papworth et al.			
W	AE5	4,766,566	08/1988	Chuang			
W	AF5	4,771,376	09/1988	Kamiya			
W	AG5	4,777,592	10/1988	Yano			
W	AH5	4,807,115	02/1989	Torng			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
W	AI5	0 461 257 A1	12/1991	EPO			Yes No
W	AJ5	0 473 420	03/1992	EPO			Yes No
W	AK5	0 147 775	07/1985	EPO			Yes No
W	AL5	3 603 240	08/1987	DE			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

W	AM	5	Hwu et al., "HPSm, a High Performance Restricted Data Flow Architecture Having Minimal Functionality," <i>Proceedings from ISCA-13, Tokyo, Japan, June 2-5, 1986</i> , pp. 297-306.
W	AN	5	i486™ Microprocessor Hardware Reference Manual, Order No. 240552, Intel Corporation, Santa Clara, California, 1990.
W	AO	5	i486™ Microprocessor Programmer's Reference Manual, Order No. 240486, Intel Corporation, Santa Clara, California, 1990.
W	AR	5	Jelemensky, J. et al., "New Microcomputer Features Advanced Hardware For Real-Time Control Applications," <i>Electro Conference Record, Vol. 14, April 11, 1989, Los Angeles, CA</i> , pp. 1-9.
W	AS	5	Johnson, M., <i>Superscalar Microprocessor Design</i> , Prentice-Hall, Inc., 1991.

EXAMINER	DATE CONSIDERED
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p>	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>W</i>	AA6	4,814,976	03/1989	Hansen et al.			
<i>W</i>	AB6	4,858,105	08/1989	Kuriyama et al.			
<i>W</i>	AC6	4,897,810	01/1990	Nix			
<i>W</i>	AD6	4,901,228	02/1990	Kodama			
<i>W</i>	AE6	4,903,196	02/1990	Pomerene et al.			
<i>W</i>	AF6	4,924,376	05/1990	Ooi			
<i>W</i>	AG6	4,926,323	05/1990	Baror et al.			
<i>W</i>	AH6	4,942,520	07/1990	Langendorf			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>W</i>	AI6	0 259 095	03/1988	EPO	<i>W</i>		Yes No
<i>W</i>	AJ6	0 272 198	06/1988	EPO	<i>W</i>		Yes No
<i>W</i>	AK6	0 302 999	02/1989	EPO	<i>W</i>		Yes No
<i>W</i>	AL6	0 377 990	07/1990	EPO	<i>W</i>		Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>W</i>	AM	<u>6</u>	Johnson, William M., <u>Super-Scalar Processor Design</u> , (Dissertation), Copyright 1989, 134 pages.
<i>W</i>	AN	<u>6</u>	Jouppi et al., "Available Instruction-Level Parallelism for Superscalar and Superpipelined Machines," <i>Proceedings of the 3rd International Conference on Architectural Support for Programming Languages and Operating Systems</i> , April 1989, pp. 272-282.
<i>W</i>	AO	<u>6</u>	Jouppi, N.H., "Integration and Packaging Plateaus of Processor Performance," <i>IEEE</i> , 1989, pp. 229-232.
<i>W</i>	AR	<u>6</u>	Jouppi, N.P., "The Nonuniform Distribution of Instruction-Level and Machine Parallelism and Its Effect on Performance," <i>IEEE Transactions on Computers</i> , Vol. 38, No. 12, December 1989, pp. 1645-1658.
<i>W</i>	AS	<u>6</u>	Keller, R.M., "Look-Ahead Processors," <i>Computing Surveys</i> , Vol. 7, No. 4, December 1975, pp. 177-195.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>12/92</i>
-----------------------------	------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>W</i>	AA7	4,942,525	07/1990	Shintani et al.			
<i>W</i>	AB7	4,985,825	01/1991	Webb, Jr. et al.			
<i>W</i>	AC7	4,992,931	02/1991	Hirasawa			
<i>W</i>	AD7	4,992,934	02/1991	Portanova et al.			
<i>W</i>	AE7	4,992,938	02/1991	Coke et al.			
<i>W</i>	AF7	5,003,462	03/1991	Blaner et al.			
<i>W</i>	AG7	5,051,940	09/1991	Vassiliadis et al.			
<i>W</i>	AH7	5,075,849	12/1991	Kuriyama et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>W</i>	AI7	0 436 092	07/1991	EPO			Yes No
<i>W</i>	AJ7	0 465 321 A2	01/1992	EPO			Yes No
<i>W</i>	AK7	GB 2 241 801	09/1991	United Kingdom			Yes No
<i>W</i>	AL7	JP 2-148238	06/1990	Japan			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>W</i>	AM	2	Lam, M.S., "Instruction Scheduling For Superscalar Architectures," Annu. Rev. Comput. Sci., Vol. 4, 1990, pp. 173-201.
<i>W</i>	AN	2	Lee, R.B., "Precision Architecture," COMPUTER, January 1989, pp. 78-91.
<i>W</i>	AO	2	McGeady, S., "The 1960CA Superscalar Implementation of the 80960 Architecture", 1990 IEEE, pp. 232-240.
<i>W</i>	AR	2	McNeley, K.J. and Milutinovic, V.M., "Emulating a Complex Instruction Set Computer with a Reduced Instruction Set Computer," IEEE Micro, Vol. 7, No. 1, pp. 60-71, February 1987.
<i>W</i>	AS	2	Melear, C., "The Design of the 88000 RISC Family," IEEE MICRO, Vol. 9, No. 2, April 1989, Los Alamitos, CA, pp. 26-38.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
W	AA8	5,101,341	03/1992	Circella et al.			
W	AB8	5,127,091	06/1992	Boufarah et al.			
W	AC8	5,133,072	07/1992	Buzbee			
W	AD8	5,133,077	07/1992	Karne et al.			
W	AE8	5,148,528	09/1992	Fite et al.			
W	AF8	5,148,536	09/1992	Witek et al.			
W	AG8	5,155,843	10/1992	Stamm et al.			
W	AH8	5,168,571	12/1992	Hoover et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
W	AI8	JP 4-77925	03/1992	Japan			Yes No
W	AJ8	JP 4-219825	08/1992	Japan			Yes No
W	AK8	JP 58-217054	12/1983	Japan			Yes No
W	AL8	JP 59-154548	09/1984	Japan			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
40	AM	8	Murakami, K. et al., "SIMP (Single Instruction stream/Multiple instruction Pipelining): A Novel High-Speed Single-Processor Architecture," ACM, 1989, pp. 78-85.
60	AN	8	Nakano, H. et al., "A 80 Mflops 64-bit Microprocessor for Parallel Computer", IEEE 1991 Custom Integrated Circuits Conference, pp. 15.2.1-15.2.4.
W	AO	8	Odnert, D. et al., "Architecture and Compiler Enhancements for PA-RISC Workstations," Proceedings from IEEE Compcon, February 25 - March 1, 1991, San Francisco, CA, pp. 214-218.
W	AR	8	Ohr, S., "Superlong instructions help supermini refine number crunching," Electronic Design, Vol. 33, No. 26, November 1985.
W	AS	8	"Overlap of Store Multiple Operation With Succeeding Operations Through Second Set of General Purpose Registers," IBM Technical Disclosure Bulletin, Vol. 28, No. 6, November 1989, New York, NY, pp. 2727-2728.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
<u>INFORMATION DISCLOSURE STATEMENT</u>				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
W	AA9	5,185,868	02/1992	Tran			
W	AB9	5,193,206	03/1993	Mills			
W	AC9	5,226,126	07/1993	McFarland et al.			
W	AD9	5,230,068	07/1993	Van Dyke et al.			
W	AE9	5,251,306	10/1993	Tran			
W	AF9	5,317,740	05/1994	Sites			
W	AG9	5,323,489	06/1994	Bird			
W	AH9	5,355,460	10/1994	Eickenmeyer et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
W	AI9	61-33546	02/1986	Japan			Yes No
W	AJ9	1-286030	11/1989	Japan			Yes No
W	AK9	2-130634	05/1990	Japan			Yes No
W	AL9						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
W	AM	2	Patent Abstracts of Japan, Vol. 017, No. 082 (P-1489), February 18, 1993.
W	AN	2	Patent Abstracts of Japan, Vol. 017, No. 084 (P-1490), February 19, 1993.
W	AO	2	Patent Abstracts of Japan, Vol. 009, No. 006 (P-326), January 11, 1985.
W	AR	2	Patent Abstracts of Japan, Vol. 010, No. 089, April 1986, & JP, A, 60 225 943 (Hitachi Seisakusho K K) 11 November 1985.
W	AS	2	Patt et al., "Critical Issues Regarding HPS, A High Performance Microarchitecture," <i>Proceedings of the 18th Annual Workshop on Microprogramming</i> , December 1985, pp. 109-116.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>W</i>	AA10	5,371,684	12/1994	Iadonato et al.			
<i>W</i>	AB10	5,390,355	02/1995	Horst			
<i>W</i>	AC10	5,442,757	08/1995	McFarland et al.			
<i>W</i>	AD10	5,487,156	01/1996	Popescu et al.			
<i>W</i>	AE10	5,539,911	07/1996	Nguyen et al.			
<i>W</i>	AF10	5,557,763	09/1996	Senter et al.			
<i>W</i>	AG10	5,561,776	10/1996	Popescu et al.			
<i>W</i>	AH10	5,574,927	11/1996	Scantlin			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
W	AI10						Yes No
	AJ10						Yes No
	AK10						Yes No
	AL10						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AM	<u>10</u>	Patt et al., "HPS, A New Microarchitecture: Rationale and Introduction," <i>Proceedings of the 18th Annual Workshop on Microprogramming</i> , December 1985, pp. 103-108.
<i>W</i>	AN	<u>10</u>	Pleszkun et al., "The Performance Potential of Multiple Functional Unit Processors," <i>Proceedings of the 15th Annual Symposium on Computer Architecture</i> , June 1988, pp. 37-44.
<i>W</i>	AO	<u>10</u>	Pleszkun et al., "WISQ: A Restartable Architecture Using Queues," <i>Proceedings of the 14th International Symposium on Computer Architecture</i> , June 1987, pp. 290-299.
<i>W</i>	AR	<u>10</u>	Popescu, V. et al., "The Metaflow Architecture," <i>IEEE Micro</i> , June 1991, pp. 10-13 & 63-73.
<i>W</i>	AS	<u>10</u>	Smith, M.D. et al., "Boosting Beyond Static Scheduling in a Superscalar Processor," <i>IEEE</i> , 1990, pp. 344-354.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>W</i>	AA11	5,592,636	01/1997	Popescu et al.			
<i>W</i>	AB11	5,606,676	02/1997	Grochowski et al.			
<i>W</i>	AC11	5,619,668	04/1997	Zaidi			
<i>W</i>	AD11	5,625,837	04/1997	Popescu et al.			
<i>W</i>	AE11	5,627,983	05/1997	Popescu et al.			
<i>W</i>	AF11	5,651,125	07/1997	Witt et al.			
<i>W</i>	AG11	5,659,782	08/1997	Senter et al.			
<i>W</i>	AH11	5,689,720	11/1997	Nguyen et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI11						Yes No
	AJ11						Yes No
	AK11						Yes No
	AL11						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AM	<u>11</u>	Smith et al., "Implementation of Precise Interrupts in Pipelined Processors," <i>Proceedings of the 12th Annual International Symposium on Computer Architecture</i> , June 1985, pp. 36-44.
<i>W</i>	AN	<u>11</u>	Smith, J.E. et al., "Implementing Precise Interrupts in Pipelined Processors," <i>IEEE Transactions on Computers</i> , Vol. 37, No. 5, May 1998, pp. 562-573.
<i>W</i>	AO	<u>11</u>	Smith et al., "Limits on Multiple Instruction Issue," <i>Proceedings of the 3rd International Conference on Architectural Support for Programming Languages and Operating Systems</i> , April 1989, pp. 290-302.
<i>W</i>	AR	<u>11</u>	Sohi et al., "Instruction Issue Logic for High-Performance, Interruptable Pipelined Processors," <i>14th Annual Int'l Symposium on Computer Architecture</i> , June 2-5, 1987, pp. 27-34.
<i>W</i>	AS	<u>11</u>	Thornton, J.E., <u>Design of a Computer: The Control Data 6600</u> , Control Data Corporation, 1970, pp. 58-140.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
<u>INFORMATION DISCLOSURE STATEMENT</u>				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
W	AA12	5,708,841	01/1998	Popescu et al.			
W	AB12	5,768,575	06/1998	McFarland et al.			
W	AC12	5,778,210	07/1998	Henstrom et al.			
W	AD12	5,797,025	08/1998	Popescu et al.			
W	AE12	5,832,205	11/1998	Kelly et al.			
W	AF12	5,832,293	11/1998	Popescu et al.			
W	AG12	4,839,797	06/1989	Katori et al.			
W	AH12	5,233,694	08/1993	Hotta et al.			





FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI12						Yes No
	AJ12						Yes No
	AK12						Yes No
	AL12						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
W	AM	12	Tjaden et al., "Detection and Parallel Execution of Independent Instructions," <i>IEEE Trans. On Computers</i> , Vol. C-19, No. 10, October 1970, pp. 889-895.
W	AN	12	Tjaden, <u>Representation and Detection of Concurrency Using Ordering Matrices</u> , (Dissertation), 1972, pp. 1-199.
W	AO	12	Tjaden et al., "Representation of Concurrency with Ordering Matrices," <i>IEEE Trans. On Computers</i> , Vol. C-22, No. 8, August 1973, pp. 752-761.
W	AR	12	Tomasulo, R.M., "An Efficient Algorithm for Exploiting Multiple Arithmetic Units," <i>IBM Journal</i> , Vol. 11, January 1967, pp. 25-33.
W	AS	12	Uht, A.K., "An Efficient Hardware Algorithm to Extract Concurrency From General-Purpose Code," <i>Proceedings of the 19th Annual Hawaii International Conference on System Sciences</i> , 1986, pp. 41-50.






EXAMINER	DATE CONSIDERED

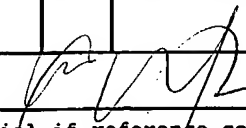
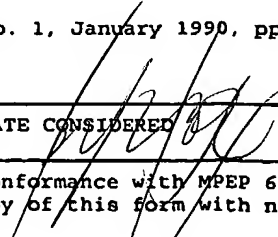
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
<u>INFORMATION DISCLOSURE STATEMENT</u>				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA13	5,345,569	09/1994	Tran			
	AB13	5,987,593	11/1999	Senter et al.			
	AC13	6,230,254	05/2001	Senter et al.			
	AD13	6,434,693	08/2002	Senter et al.			
	AE13						
	AF13						
	AG13						
	AH13						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI13						Yes No
	AJ13						Yes No
	AK13						Yes No
	AL13						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AM	<u>13</u>	Wedig, R.G., <u>Detection of Concurrency In Directly Executed Language Instruction Streams</u> , (Dissertation), June 1982, pp. 1-179.
	AN	<u>13</u>	Weiss et al., "Instruction Issue Logic in Pipelined Supercomputers," Reprinted from <i>IEEE Trans. on Computers</i> , Vol. C-33, No. 11, November 1984, pp. 1013-1022.
	AO	<u>13</u>	Weiss, R., "Third-Generation RISC Processors," <i>EDN</i> , March 30, 1992, pp. 96-108.
	AR	<u>13</u>	Wharton, J. J., "Parallel 486 pipelines produce peak processor performance," <i>Microprocessor Report</i> , Vol. 3, No. 6, June 1989, p13(5).
	AS	<u>13</u>	<i>IBM Journal of Research and Development</i> , Vol. 34, No. 1, January 1990, pp. 1-70.

EXAMINER 	DATE CONSIDERED 
--	---

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA14						
	AB14						
	AC14						
	AD14						
	AE14						
	AF14						
	AG14						
	AH14						
	AI14						
	AJ14						
	AK14						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL14						Yes No
	AM14						Yes No
	AN14						Yes No
	AO14						Yes No
	AP14						Yes No

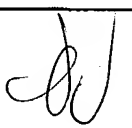
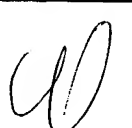

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
W	AR	14	Kuga, M. et al., "Low-Level Parallel Processing Algorithms for the "Shinpu" Processor Based on the SIMP (Single Instruction Stream/Multiple Instruction Pipelining) Method," <i>Transactions of Information Processing Society of Japan</i> , Information Processing Society of Japan, Vol. 30, No. 12, December 1989, pages 1603-1611.
W	AS	14	English-language translation of Kuga, M. et al., "Low-Level Parallel Processing Algorithms for the "Shinpu" Processor Based on the SIMP (Single Instruction Stream/Multiple Instruction Pipelining) Method," <i>Transactions of Information Processing Society of Japan</i> , Information Processing Society of Japan, Vol. 30, No. 12, December 1989, pages 1603-1624.
W	AT	14	Johnson, M., <i>Superscalar Microprocessor Design</i> , Prentice Hall, 1991, pages 50-53 and pages 147-163.

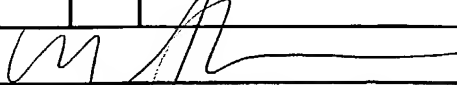
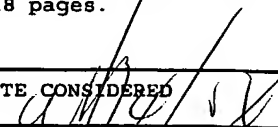
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
		AA15					
		AB15					
		AC15					
		AD15					
		AE15					
		AF15					
		AG15					
		AH15					
		AI15					
		AJ15					
		AK15					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		AL15					Yes No
		AM15					Yes No
		AN15					Yes No
		AO15					Yes No
		AP15					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	15	English-language translation of Japanese Laid-Open Patent Application No. H2-148238, (June 7, 1990 - date of publication), 15 pages.
	AS	15	English-language translation of Japanese Laid-Open Patent Application No. H4-77925, (March 12, 1992 - date of publication), 33 pages.
	AT	15	English-language translation of Japanese Laid-Open Patent Application No. S58-217054, (December 16, 1983 - date of publication), 18 pages.

EXAMINER 	DATE CONSIDERED 
--	---

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. SP036.C10		APPLICATION NO. To Be Assigned	
				APPLICANT: SENTER BRASHEARS et al.			
				FILING DATE: Herewith		GROUP: To Be Assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA16						
	AB16						
	AC16						
	AD16						
	AE16						
	AF16						
	AG16						
	AH16						
	AI16						
	AJ16						
	AK16						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL16					Yes No	
	AM16					Yes No	
	AN16					Yes No	
	AO16					Yes No	
	AP16					Yes No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	16	English-language translation of Japanese Laid-Open Patent Application No. S59-154548, (September 3, 1984 - date of publication), 15 pages.
	AS	16	English-language translation of Japanese Laid-Open Patent Application No. S61-33546, (February 17, 1986 - date of publication), 25 pages.
	AT	16	English-language translation of Japanese Laid-Open Patent Application No. H1-286030, (November 17, 1989 - date of publication), 9 pages.




EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA17						
	AB17						
	AC17						
	AD17						
	AE17						
	AF17						
	AG17						
	AH17						
	AI17						
	AJ17						
	AK17						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL17						Yes No
	AM17						Yes No
	AN17						Yes No
	AO17						Yes No
	AP17						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	17	Notification of Reason for Refusal for Japanese Patent Application No. 1994-509063, mailed August 27, 2002, 3 pages.
	AS	17	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 1994-509063, mailed August 27, 2002, 5 pages.
	AT	17	Notification of Reason for Refusal for Japanese Patent Application No. 2000-008263, mailed August 14, 2002, 3 pages.




EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

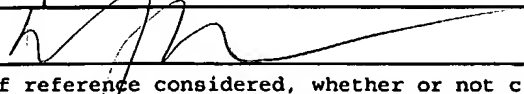
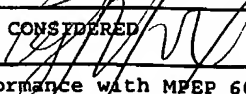
FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA18						
	AB18						
	AC18						
	AD18						
	AE18						
	AF18						
	AG18						
	AH18						
	AI18						
	AJ18						
	AK18						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL18						Yes No
	AM18						Yes No
	AN18						Yes No
	AO18						Yes No
	AP18						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>18</u>	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-008263, mailed August 14, 2002, 5 pages.
	AS	<u>18</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-008266, mailed August 14, 2002, 3 pages.
	AT	<u>18</u>	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-008266, mailed August 14, 2002, 5 pages.

EXAMINER 	DATE CONSIDERED 
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA19						
	AB19						
	AC19						
	AD19						
	AE19						
	AF19						
	AG19						
	AH19						
	AI19						
	AJ19						
	AK19						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL19						Yes No
	AM19						Yes No
	AN19						Yes No
	AO19						Yes No
	AP19						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	19	Notification of Reason for Refusal for Japanese Patent Application No. 2000-008267, mailed August 16, 2002, 3 pages.
	AS	19	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-008267, mailed August 16, 2002, 6 pages.
	AT	19	Notification of Reason for Refusal for Japanese Patent Application No. 2000-008268, mailed August 14, 2002, 3 pages.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA20						
	AB20						
	AC20						
	AD20						
	AE20						
	AF20						
	AG20						
	AH20						
	AI20						
	AJ20						
	AK20						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL20						Yes No
	AM20						Yes No
	AN20						Yes No
	AO20						Yes No
	AP20						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	20	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-008268, mailed August 14, 2002, 5 pages.				
	AS	20	Notification of Reason for Refusal for Japanese Patent Application No. 2000-008271, mailed August 14, 2002, 3 pages.				
	AT	20	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-008271, mailed August 14, 2002, 5 pages.				


EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

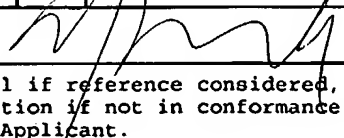
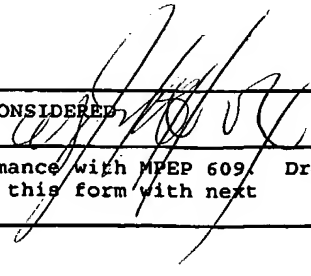
FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP036.C10	APPLICATION NO. To Be Assigned
	APPLICANT: SENTER BRASHEARS et al.	
	FILING DATE: Herewith	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA21						
	AB21						
	AC21						
	AD21						
	AE21						
	AF21						
	AG21						
	AH21						
	AI21						
	AJ21						
	AK21						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL21						Yes No
	AM21						Yes No
	AN21						Yes No
	AO21						Yes No
	AP21						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>21</u>	English-language translation of Japanese Laid-Open Patent Application No. H2-130634, (May 18, 1990 - date of publication), 56 pages.
	AS	<u>21</u>	
	AT	<u>21</u>	

EXAMINER 	DATE CONSIDERED 
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	